

What is claimed is:

1. A discharging apparatus for a liquid crystal display including a plurality of liquid crystal pixel cells, each of the liquid crystal cells being arranged at an intersection between one of a plurality of gate lines and one of a plurality of data lines, and switching devices for driving the liquid crystal cells in response to a signal from each gate line, the discharging apparatus comprising:

a first gate voltage supply line;

a second gate voltage supply line;

a power supply line;

gate driver circuitry for selectively applying to the gate lines first and second gate voltages supplied from the first and second gate voltage supply lines, respectively; and

a discharge circuit for sensing a power-off condition of the power supply line to short-circuit the first gate voltage supply line and the second gate voltage supply line when the power-off condition is sensed, thereby discharging voltages on the gate lines.

2. The discharging apparatus according to claim 1, wherein the first gate voltage is a positive gate high voltage, and the second gate voltage is a gate low voltage, and the gate low voltage is negative relative the positive gate high voltage.

3. The discharging apparatus according to claim 2, wherein said discharge circuit includes:

power-off sensing circuitry for sensing the power-off condition of the power supply line;

and

a switching device for short-circuiting the first and second gate voltage supply lines upon power-off in response to a control signal from the power-off sensing circuitry.

4. The discharging apparatus according to claim 3, wherein said discharge circuit includes:

a capacitor for charging to a desired voltage when a power voltage is being applied from the power supply line and discharging the charged desired voltage upon the power-off condition; and

a switching control device for controlling the switching device in response to the desired

